

PN. ACF-166  
101587

FINAL DRAFT REPORT

**PROCEEDINGS:  
PRISM-USAID/UGANDA  
DATA PROVIDERS WORKSHOP**

June 1994

**Prepared by** Jonathan P Hawley

**Submitted to** Rosern Rwampororo

This report was prepared following a technical-assistance visit under the PRISM project for the USAID Center for Development Information and Evaluation. The PRISM project is conducted through a contract to Management Systems International, with support from Labat-Anderson, Inc. and Research Triangle Institute.

A

## TABLE OF CONTENTS

### INTRODUCTION

|                                   |   |
|-----------------------------------|---|
| WORKSHOP PARTICIPATION AND FORMAT | 1 |
|-----------------------------------|---|

|   |   |
|---|---|
| WORKSHOP FINDINGS CONSTRAINTS AND SUGGESTIONS | 5 |
|---|---|

|            |   |
|------------|---|
| NEXT STEPS | 6 |
|------------|---|

|         |   |
|---------|---|
| ANNEX 1 | Strategic Objective NO 1 Objective Tree |
|---------|---|

|         |   |
|---------|---|
| ANNEX 2 | Matrix illustrating data sources by organization, data type, related indicators, and collection and reporting schedules |
|---------|---|

|         |   |
|---------|---|
| ANNEX 3 | Matrix illustrating data sources by organization, data type, and cost and funding base for collection and reporting |
|---------|---|

|         |   |
|---------|---|
| ANNEX 4 | Participating organizations and their representatives |
|---------|---|

## INTRODUCTION

At the request of USAID/Uganda, the Center for Development Information and Evaluation (CDIE) conducted a one-day participatory monitoring and evaluation workshop for the Mission's Agriculture and Natural Resources (ANR) office. The "PRISM/USAID Uganda Data Providers Workshop" was designed and facilitated by Jonathan Hawley and Keith Brown of Management Systems International, and ANR office monitoring and evaluation specialist, Rosern Rwampororo.

The ANR office, which is in the final process of designing the Strategic Objective One (SO 1) monitoring and evaluation system, visualized the June 21 workshop as a timely opportunity to operationalize the SO 1 performance measurement system through collaboration and coordination with its key development counterparts. The day-long working session also was seen as a practical way to present the strategic objective to relevant host-country stakeholders within the broader context of the Mission's overall country program. This effort not only will enhance USAID/Uganda's activities, but also demonstrates the Mission's dedication to the Agency's overall focus on participatory development.

As with the monitoring and evaluation system itself, the workshop was designed to elicit useful performance measurement information from the various Government of Uganda ministries, host-country NGOs and international donor organizations that will be the sources of primary and secondary data directly related to the full range of SO 1 performance indicators. The critical issues the workshop addressed ranged from the timeliness of data collection and reporting to the availability of resources and the expected duration of related funding. The participants also identified constraints to sustainable data collection and reporting, and offered suggestions for how those constraints might be minimized.

A brief PRISM planning exercise also was conducted, during which the SO 1 objective tree and its indicators were shared with the participants. This not only clarified for the participants how their individual efforts directly support the strategic objective, but also brought into focus how their collaboration with AID/Uganda, and among themselves, plays an invaluable role in the development of the nation as a whole.

Proceedings of the workshop, including findings, conclusions and "next steps," will be shared with the participants and will provide guidance for continued collaboration among the ANR office and SO 1 data providers.

## **I WORKSHOP PARTICIPATION AND FORMAT**

The one-day PRISM/USAID Uganda Data Providers Workshop was attended by 27 representatives from 16 organizations that are responsible for collecting, reporting, and analyzing data used to measure performance indicators for SO 1. Participation in the workshop reflected a wide range of Government of Uganda (GOU) ministries and host-country non-governmental organizations (NGOs), as well as a major international private voluntary organization (PVO).

Participating GOU organizations included the Statistics Department, the Bank of Uganda Agricultural Secretariat, the Ministry of Trade and Industry, and the Ministry of Agriculture, Animal Industries and Fisheries. Participating NGOs included the National Agricultural Research Organization (NARO), the Uganda National Farmers Association (UNFA), and the National Environmental Information Centre. The Export Policy Analysis Development Unit (EPADU), and the Grant Management Unit (GMU), both established under SO 1 project activities, also were represented, as were CARE, the European Community, Uganda's Makerere University and the local private-sector firm of Management Systems and Economic Consultants Ltd. (A complete list of these organizations and their workshop representatives can be found in Annex 4.)

### **A Morning session**

The workshop's morning session began with a PRISM planning exercise outlining the logic behind the ANR office's development of SO 1. The complete SO 1 objective tree, including its performance indicators, was shared with the participants as part of this exercise. The participants were then divided into working groups formed according to the types of data the participants most often work with, specifically agricultural exports and agricultural production/productivity. Participants who work with SO 1-related financial data such as loans, grants and investments worked in the agricultural export group. Facilitated by ANR staff and the CDIE team, the participants were asked to work together to determine to which indicators the data they are collecting are most relevant. Once these determinations were made, participants were asked how often and when these data are collected and reported.

Written responses to questions about various data characteristics were recorded on working session questionnaires like the one below and collated for ANR office reference. Representatives from each working group reported their findings to the entire workshop. A matrix describing all Working Session No 1 responses is found in Annex 2. It should be noted, however, that although 27 people took part in the workshop, only 16 participants submitted worksheets to avoid duplication by representatives from the same organizations. Further, the matrix reflects data sources for everything except all indicators for Sub-target 1.1.1 and the second indicator for Sub-target 1.1.2. These data sources, including the Uganda Investment Authority, the Cooperative Bank, the Nile Bank and the Agribusiness Development Center, were not represented at the workshop. Relevant performance indicator information will be gathered from these sources and added to the matrix.

Environmental considerations also were addressed during the morning session REDSO/ESA representative Eric Loken gave a brief presentation of the Environmental Monitoring, Evaluation and Mitigation Plan (EMEMP), a system being designed to measure unintended environmental impacts that might result from increased production of non-traditional agricultural exports Mr Loken then asked the participants to indicate whether their organizations are currently collecting, or plan to collect, data relevant to the measurement of EMEMP indicators Responses from five participants who believe they can provide environmental data are indicated in the matrix

WORKING SESSION NO 1  
WORKING GROUP NO 1

Name James Byekwaso, Uganda National Farmers Association

- I On a separate of paper, please group your various data according to how they are usually reported For example, total crop production and yield per hectare can be grouped as agricultural production/productivity data
- II Based on these data groups, please work with your colleagues to determine where on the objective tree your data apply

A Data group Sources and prices of agricultural inputs Indicator

|   |                              |              |                    |
|---|------------------------------|--------------|--------------------|
| 1 | Strategic Objective          | <u>1</u>     | <u>1</u>           |
|   | Target No                    | <u>1.2</u>   | <u>1</u>           |
|   | Sub-target No                | <u>1.2.2</u> | <u>1</u>           |
|   | Environment                  | <u>    </u>  | <u>    </u>        |
| 2 | How often and when collected |              | <u>Monthly/mid</u> |
|   | How often and when reported  |              | <u>Monthly/end</u> |

B Data group Agricultural (crop) prices Indicator

|   |                              |              |                        |
|---|------------------------------|--------------|------------------------|
| 1 | Strategic Objective          | <u>1</u>     | <u>2</u>               |
|   | Target No                    | <u>1.2</u>   | <u>1</u>               |
|   | Sub-target No                | <u>1.2.1</u> | <u>1</u>               |
|   | Environment                  | <u>    </u>  | <u>    </u>            |
| 2 | How often and when collected |              | <u>Weekly</u>          |
|   | How often and when reported  |              | <u>Weekly/Saturday</u> |

The responses indicated above are from James Byekwaso of the Uganda National Farmers Association (UNFA) and are illustrative of the outcome of the first session Among the data

collected and reported by UNFA are agricultural production/productivity data, including crop prices, and the sources and cost of agricultural inputs. In the above illustration, Mr Byekwaso points out that such data, particularly for the production/productivity of the non-traditional crops targeted by SO 1, are germane to the measurement of performance indicators for the strategic objective itself, and for the indicators for Target 1.2 and Sub-targets 1.2.1 and 1.2.2. He then informed the other participants that these data are collected monthly for agricultural inputs and reported at the end of each month, and collected weekly for crop prices and reported each Saturday.

As a result of the morning session, participant organizations now know not only which data sources will provide performance information for which indicators, but also how often and when these data are collected and reported. The participants also know the appropriate person to call at each data source should questions of data availability, etc., arise as SO 1 performance measurement progresses over time. This information sharing also will enhance coordination not only among the data sources themselves, but among the data sources and the ANR office as well. It should be noted, however, that the consensus among the participants indicates that data collection and reporting schedules provided during the workshop are approximate and would be met only under "ideal conditions."

## **B Afternoon session**

Following the same format as the first session, the afternoon portion of the workshop was designed to build on the morning's work by determining the actual cost, in time and money, of the participants' various data collection and reporting efforts. Sources and duration of funding for these efforts also were covered. Continuing with the example of Mr Byekwaso, the following worksheet served as the tool for recording participant responses. Annex 3 is a matrix describing Working Session No 2 responses.

### **WORKING SESSION NO 2 WORKING GROUP NO 1**

Name James Byekwaso, Uganda National Farmers Association

I What is the cost, in time and money, of your data collection?

A Data group Sources and prices of agricultural inputs

- Time two days per month (in the Kampala area)
- Ush 100,000 per month
- Funding source Dutch grant through the World Food Programme
- End of funding December 1995

B Data group Agricultural (crop) prices

- Time two days per week (by field assistants in districts)
- Ush 200,000 per week

- Funding source Dutch grant through the World Food Programme
- End of funding December 1995

Mr Byekwaso's responses indicate not only the amount of time required for collecting price data for agricultural inputs, but the actual cost of these efforts as well. The participants also now know that the Dutch government is funding UNFA's price data collection through the World Food Programme and that this funding is scheduled to terminate in December 1995. This allows the participants to coordinate their actions and take whatever steps available to arrange for alternate funding for continued UNFA data collection should the Dutch decide to not renew the current agreement.

The critical question of funding addressed here is one of the issues all the participants raised during the second half of the afternoon session. Following the above exercise, the participants were asked to outline the major constraints to their data collection and reporting, and offer suggestions for how those constraints might be minimized. After noting these items on their worksheets, the participants worked within their groups to determine common constraints and solutions, and reported these findings to the rest of the workshop. Mr Byekwaso's responses, listed on the final worksheet, are representative of the responses of other participants. A complete list of common constraints and possible ways to minimize them is found in the "Workshop Findings" section of this report.

## WORKING SESSION NO 2 WORKING GROUP NO 1

Name James Byekwaso, Uganda National Farmers Association

2 What are the major constraints to your data collection and reporting efforts?

### Data collection

- lack of research funds
- lack of transport to supervise data collection
- ignorance of farmers who do not give exact prices
- inaccurate measurement of produce
- data usually collected in English with no money for translation into local language
- lack of good record keeping
- lack of communication and cooperation among colleagues

### Data reporting

- lack of equipment
- lack of funding for equipment maintenance
- lack of skilled personnel

3 How do you think these constraints might be minimized?

- access to training facilities
- provision of equipment
- improved communication and coordination

While it might not be possible to remedy all of the constraints listed by Mr Byekwaso (and his workshop colleagues), it is useful for donors and other data users to understand current data-source problems. This not only allows these organizations to determine where they believe money or other resources might best be applied to support a sustained data collection and reporting effort, but also gives them the advantage of being able anticipate where breakdowns in specific data collection efforts might occur. All of this information is extremely relevant to USAID/Uganda's strategic planning and performance measurement efforts.

## 2 WORKSHOP FINDINGS CONSTRAINTS & SUGGESTIONS

A collation of all findings from the morning working session, matching SO 1 indicators with data sources and their related data collection and reporting schedules, is found in Annex 1. A similar matrix, matching data sources with collection and reporting cost and related funding sources, is found in Annex 2. The following is a summary of findings regarding constraints to the data collection and reporting efforts of the organizations that participated in the workshop, as well as suggestions from the participants on how these constraints might be minimized.

### A Constraints

- 1 The greatest constraint to the entire data collection and reporting effort is the lack of sustained funding. Workshop participants overwhelmingly agreed that without sustained funding, their various activities, so critical to the effective management of GOU, USAID/Uganda and other donor development work, cannot be carried out on a sustained basis. The participants are aware, however, that many of their efforts, and the related funding, are directly linked to a multitude of specific and often unrelated donor projects, and that once these projects end, funding is no longer available. It should be pointed out that many of the "inputs" necessary for data collection, reporting and analysis are dependent on sustained funding, including adequate, skilled labor and related training, salaries, office space, and a variety of costly capital goods including computer hardware and software, vehicles and communications equipment.
- 11 A lack of communication, coordination and collaboration among the various data producers is another major concern of the participants. This problem can result in one office or organization not knowing what another is doing, leading to costly and inefficient duplication of data collection and reporting. Incompatible computer hardware and software contribute to this lack of coordination.



- 111 The third major concern is questionable timeliness, reliability and validity of data, a constraint attributed in part to unrealistic and ineffective data collection and reporting schedules. A lack of coordinated and effective supervision appears to be a primary hindrance to regular and timely data collection and reporting efforts. Data reliability and validity, of extreme importance to both the participants and to the ANR office, appear to be affected by the more sensitive constraints of political and sectoral bias, and perhaps by constraints to collecting data from a representative sample.

Although the working groups are involved in collecting and reporting different types of data, their major concerns are the similar. A lack of sustained funding directly impedes their ability to provide data on a sustainable basis, insufficient resources other than money, including everything from skilled labor and office space to computers and vehicles, pose a serious constraint to their work, and the absence of communication, coordination and effective supervision among data producers leads to duplication of effort and reduces the timeliness, reliability and validity of data.

## **B Suggestions**

A summary of the participants' suggestions for minimizing data collection and reporting constraints mirrors the constraints themselves. Although the following suggestions might appear to be a "wish list," the participants realize that donors also must work within certain constraints, especially fiscal limitations.

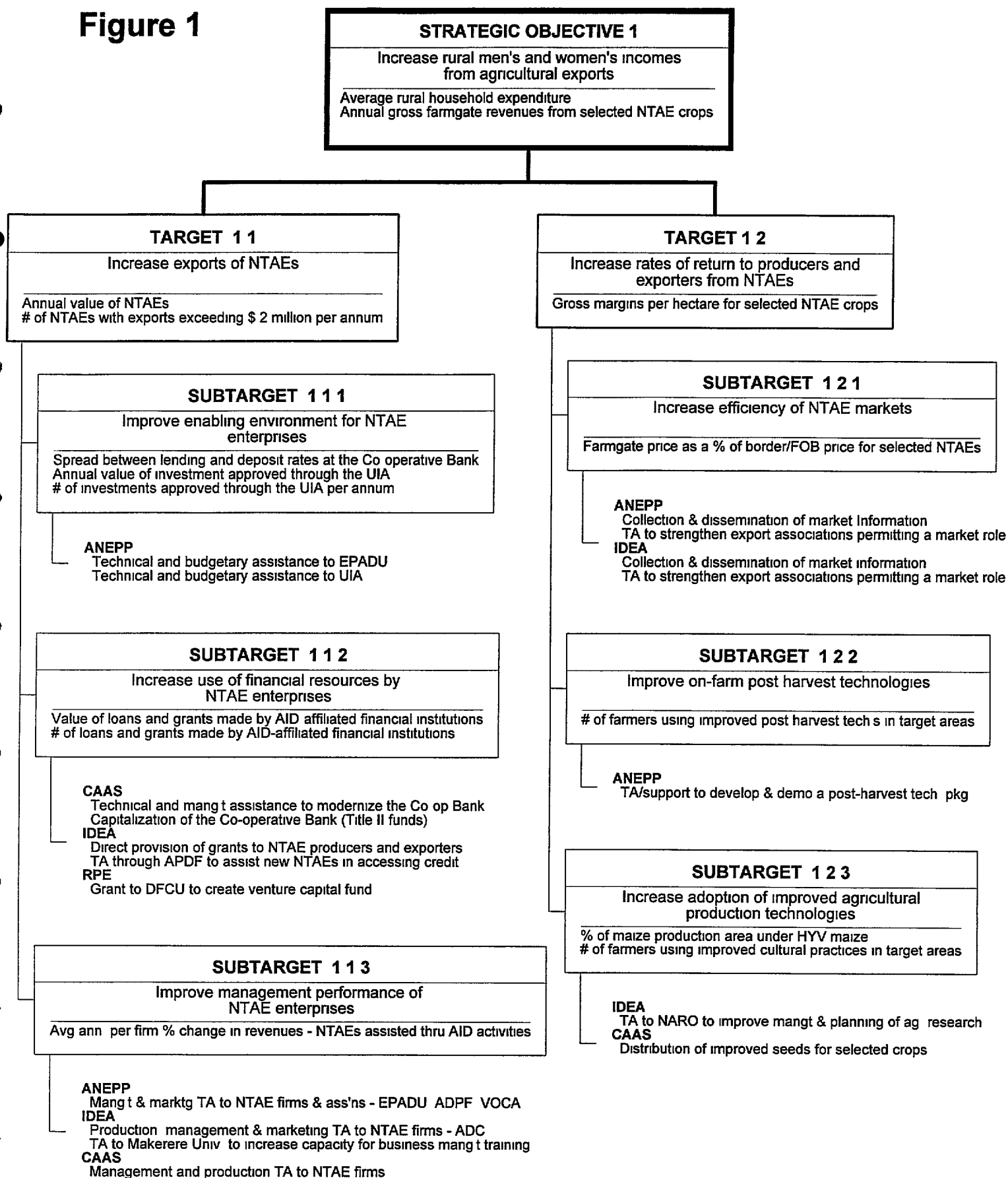
- 1 Establish sustained funding to make data collection and reporting sustainable. (This includes investigating cost-recovery options such as charging data users for reports.)
- 11 Restructure the Statistics Department to improve coordination and collaboration among data producers. Such coordination and collaboration can reduce duplication of effort, improve efficiency and lead to a savings in time and money.
- 111 Increase training through seminars and workshops to expand the pool of skilled labor.
- 1V Improve the compatibility of data producers' computer hardware and software.
- V Coordinate supervision, and establish and follow realistic reporting and collection schedules.

## **3 NEXT STEPS**

The workshop participants decided that the most effective next step toward resolving the above constraints is for USAID/Uganda to meet with principle data producers to determine which organizations should be the authorities on producing which data. This will allow for a rapid response to the participants' shared concern over coordination and collaboration. Such an outcome appears to be within the manageable interest of the data sources. The more

"difficult" constraints, such as sustained funding and a restructuring of the Statistics Department will need to be resolved over time and will be addressed in subsequent meetings among data providers and data users. It also was decided to include in subsequent meetings the representative participation of additional relevant data sources in the NGO and donor community. The ANR office will be responsible for the timely release of these workshop proceedings and for scheduling the next data producers meeting.

**Figure 1**



**ANNEX 2**
**STRATEGIC OBJECTIVE NO 1 SOURCES BY ORGANIZATION, DATA TYPE, INDICATOR AND SCHEDULE**

Note Although 27 people attended the workshop, the following 16 submitted information

| <b>Name, organization and telephone No.</b>                               | <b>Data type/data sets</b>   | <b>Objective tree level</b>  | <b>Specific indicator</b>   | <b>How often and when collected</b>          | <b>How often and when reported</b>           |
|---|--|--|---|--|--|
| James Byekwaso<br>Uganda National Farmers Association<br>Tel No           | Ag inputs sources and prices<br><br>Ag (crop) prices               | Target 1 2<br>Sub-target 1 2 2<br><br>SO 1<br>Target 1 2<br>Sub-target 1 2 1   | No 1<br>No 1<br><br>No 2<br>No 1<br>No 1                                  | Monthly mid-month<br><br>Weekly              | Monthly end of month<br><br>Weekly Saturdays |
| Yeko Mwanga<br>EPADU<br>Tel No 231390                                     | NTAEs  | SO 1<br>Target 1 1   | No 1<br>No 2 (secondary source, Research Bank of Uganda Customs Dept URA) | Monthly                                      | Quarterly                                    |
| W E Wachemba<br>Ministry of Trade and Industry<br>Tel No 256395<br>258202 | Crop prices<br><br>Crop processors<br><br>Ag exports               | SO 1<br>Target 1 2<br>Sub-target 1 2 1<br><br>Sub-target 1 2 2<br><br>SO 1<br>Target 1 1<br>Target 1 2<br>Sub-target 1 2 1 | No 1<br>No 1<br>No 1<br><br>No 1<br><br>No 2<br>No 1<br>No 1<br>No 1      | Weekly Tuesdays<br><br>?<br><br>Continuously | Weekly Saturdays<br><br>?<br><br>On demand   |
| Abel Ojoo<br>MSE Consultants Ltd<br>Tel No 236682                         | Ag exports (secondary source analysis of export data from Customs) | Target 1 1   | No 1, No 2  | On demand by EPADU                           | Annually                                     |

| Name, organization and telephone No.  | Data type/data sets   | Objective tree level   | Specific indicator         | How often and when collected                      | How often and when reported  |
|---|---|--|----------------------------|---|--|
| James Cartwright<br>EPADU<br>Tel No 231390  | Ag exports (air freight)  | SO 1<br>Target 1 1<br>Sub-target 1 1 3                                 | No 2<br>No 1<br>No 1       | Daily   | Monthly (with 2- to 4-week time lag)   |
| Laurent Tusingwire<br>BOU Agricultural Secretariat<br>Tel No 233819                                       | Ag exports<br><br><i>Environment</i>  | SO 1<br>Target 1 2<br>Sub-target 1 2 1<br><br><i>EMEMP</i>             | No 2<br>No 2<br>No 1       | Biannually<br>March-April and Sept -Oct           | Biannually<br>June and Dec   |
| M N Kiwesi and Matthew Sewangana<br>Statistics Department<br>Tel No 042-21051                             | Ag exports (secondary source for Target 1 1)<br><br>Ag production                   | SO 1<br>Target 1 1<br><br>SO 1   | No 2<br>No 2<br><br>No 2   | Monthly   | Quarterly<br>March, June, Sept , Dec<br>Annually June<br><br>?                                 |
| D N Kisauzi<br>NARO<br>Tel No 042-20512   | Ag production ag research (primary and secondary sources)<br><br><i>Environment</i> | Target 1 2<br>Sub-target 1 2 2<br>Sub-target 1 2 3<br><br><i>EMEMP</i> | No 1<br>No 1<br>No 1, No 2 | End of experiments, trials, surveys               | Annually<br>March-April  |
| J B K Magezi-Apuuli<br>Ministry of Agriculture, Animal Industry and Fisheries (MAAIF)<br>Tel No 042-20817 | Ag production<br><br><br><br><i>Environment</i>                                     | Target 1 1<br>Sub-target 1 2 1<br>Sub-target 1 2 3<br><br><i>EMEMP</i> | No 1<br>No 2<br>No 1       | Monthly area & prices, annually yield & livestock | Monthly prices monthly & annually fish monthly, biannually & annually area annually live-stock |

| Name, organization and telephone No.  | Data type/data sets                                  | Objective tree level                   | Specific indicator               | How often and when collected                                      | How often and when reported                                      |
|---|--|--|----------------------------------|---|--|
| Peter Wathum and<br>Edward Mwesigwa<br>BOU Agricultural<br>Secretariat<br>Tel No 233819<br>258441/9 | Ag production<br>(primary & secondary)               | SO 1<br>Target 1 2<br>Sub-target 1 2 1 | No 2<br>No 1<br>No 1             | Biannually<br>March-April &<br>Nov -Dec                           | Biannually<br>May-June &<br>Dec -Jan                             |
|   | Ag prices<br>(primary & secondary)                   | So 1<br>Target 1 2<br>Sub-target 1 2 1 | No 2<br>No 1<br>No 1             | Monthly   | Quarterly<br>April, July,<br>Oct ,Jan                            |
|   | Ag inputs<br>(primary)                               | SO 1<br>Target 1 2<br>Sub-target 1 2 3 | No 2<br>No 1<br>No 1             | Quarterly<br>March, June,<br>Sept ,Dec                            | Quarterly<br>April, July,<br>Oct ,Jan                            |
|   | Ag processing/<br>marketing (primary<br>& secondary) | SO 1<br>Sub-target 1 2 2               | No 2<br>No 1                     | Biannually<br>March-April &<br>Oct -Nov                           | Biannually<br>May-June &<br>Dec -Jan                             |
|   | Crop finance/<br>credit (primary &<br>secondary)     | SO 1<br>Target 1 2<br>Sub-target 1 1 2 | No 1, No 2<br>No 1<br>No 1, No 2 | Same as above   | Biannually<br>May-June &<br>Dec -Jan                             |
|   | Socioeconomic  | SO 1<br>Target 1 2                     | No 1, No 2<br>No 1               | Annually Jan  | Annually<br>March-April  |
|   | <i>Environment</i>                                   | <i>EMEMP</i>                           |                                  |   |  |
| Charles Kartabwango<br>Uganda National Farmers<br>Association<br>Tel No                             | Ag production  | SO 1<br>Target 1 2<br>Sub-target 1 2 1 | No 2<br>No 1<br>No 1             | Monthly (see<br>questionnaire,<br>information is<br>inconsistent) | Monthly (see<br>questionnaire<br>information is<br>inconsistent) |

| Name, organization and telephone No.   | Data type/data sets  | Objective tree level   | Specific indicator                                 | How often and when collected | How often and when reported                      |
|--|--|--|--|------------------------------|--|
| Dr S Ngambeki<br>Makerere University<br>Department of<br>Agricultural Economics<br>Tel No 531152<br>542277 | Research data<br><br><b>Environment</b>  | Sub-target 1 2 2<br>Sub-target 1 2 3<br><br><b>EMEMP</b>                         | No 1<br>No 1                                       | As and when requested        | As and when requested                            |
| Jane Nampinga<br>GMU/APE<br>Tel No 241110  | Ag production<br><br>Ag tech adoption  | SO 1<br><br>Sub-target 1 2 2<br>Sub-target 1 2 3                                 | No 1<br><br>No 1<br>No 2                           | ?                            | ?  |
| Mary Babirye<br>CARE<br>Tel No 258568/9  | Tech adoption<br><br>Financial resources/<br>Ag credit<br><br><b>Environment</b> | Sub-target 1 2 2<br>Sub-target 1 2 3<br><br>Sub-target 1 1 2<br><br><b>EMEMP</b> | No 1<br>No 1, No 2<br><br>No 1 (sex-disaggregated) | Ongoing<br><br>Ongoing       | Monthly, biannually<br><br>Quarterly, biannually |

**ANNEX 3****STRATEGIC OBJECTIVE NO 1 DATA SOURCES BY COST AND FUNDING**

Note Although 27 people attended the workshop, the following 16 submitted information

| <b>Name, organization and telephone No.</b>                                  | <b>Data type/data sets</b>  | <b>Cost in Ush</b>  | <b>Funding source</b>                           | <b>End of funding</b>           |
|--|---|---|---|---------------------------------|
| James Byekwaso<br>Uganda National<br>Farmers Association<br>Tel No           | Ag inputs sources<br>and prices   | Ush 100,000<br>per month  | World Food<br>Programme                         | Dec 1995                        |
|  | Ag (crop) prices  | Ush 200,00<br>per week  | World Food<br>Programme                         | Dec 1995                        |
| Yeko Mwanga<br>EPADU<br>Tel No 231390  | NTAEs   | ?   | BOU/URA &<br>USAID (for NTAE<br>survey reports) | ?                               |
| W E Wachemba<br>Ministry of Trade<br>and Industry<br>Tel No 258202<br>256395 | Crop prices   | Ush 50,000<br>per month   | Government salary                               | Ministry annual<br>budget cycle |
|  | Crop processors   | Ush 5,000<br>per month  | Government salary                               |                                 |
|  | Export data   | Ush 5,000<br>per month  | Government salary                               | ?                               |
| Abel Ojoo<br>MSE Consultants<br>Ltd<br>Tel No 236682                         | Ag exports<br>(secondary source<br>analysis of export<br>data from Customs) | Ush 8,000-14,000<br>per month (depends<br>on period for which<br>data are required) | EPADU   | September 1994                  |



| Name, organization and telephone No.  | Data type/data sets          | Cost in Ush  | Funding source                             | End of funding      |
|---|------------------------------|--|--|---------------------|
| James Cartwright<br>EPADU<br>Tel No 231390  | Ag exports (air freight)     | Ush 15,000 per month (collection)<br>Ush 75,000 per month (analysis) | ANEPP/ISTI                                 | Sept 1996           |
| Laurent Tusingwire<br>BOU Agricultural Secretariat<br>Tel No 233819   | Ag exports                   | ?  | BOU  | ?                   |
| M N Kiwesi and<br>Matthew Sewangana<br>Statistics Department<br>Tel No 042-21051                              | Ag exports                   | Ush 125,000 per ?  | BOU & IDA                                  | Continuous          |
| D N Kisausi<br>NARO<br>Tel No 042-20512   | Ag production<br>ag research | Depends on intensity of activity                                     | GOU, IDA, IDRC, EEC, NRI, USAID, UNDP, etc | Continuous          |
| J B K Magezi-<br>Apuuli<br>Ministry of Agriculture, Animal Industry and Fisheries (MAAIF)<br>Tel No 042-20817 | Ag production                | Based on monthly salaries and number of extension workers            | Ministry budget                            | Annual budget cycle |

| Name, organization and telephone No.   | Data type/data sets          | Cost in Ush  | Funding source                      | End of funding                                     |
|--|------------------------------|--|-------------------------------------|--|
| Peter Wathum and<br>Edward Mwesigwa<br>BOU Agricultural<br>Secretariat<br>Tel No 233819<br>258441/9  | Ag production                | Ush 25 million<br>per year                                   | Formerly BOU (?)                    | ? (funding recently<br>cut to Ush 5-10<br>million) |
|  | Ag prices                    | Ush 40 million<br>per year                                   | USAID (PL 480)                      | Ended in 1993 fiscal<br>year                       |
|  | Ag inputs                    | Ush 40 million<br>per year                                   | USAID (CAAS)                        | Depends on CAAS<br>funding                         |
|  | Ag processing &<br>marketing | Ush 12 million<br>per year                                   | BOU with support<br>from IDA (ASAC) | Dec 1994   |
|  | Crop finance/credit          | No direct cost<br>(collected with ag<br>process/market data) | -                                   | -  |
|  | Socioeconomic                | Ush 80 million<br>per year                                   | USAID (PL 480)                      | Ended in 1992                                      |
| Charles Kaitabwango<br>Uganda National<br>Farmers Association<br>Tel no                              | Ag production                | Ush 100,000<br>per week                                      | World Food<br>Programme             | Dec 1995   |
|  | Ag prices                    | Ush 200,000<br>per week                                      | World Food<br>Programme             | Dec 1995   |
| Dr S Ngambeki<br>Makerere University<br>Dept of Agricultural<br>Economics<br>Tel no 531152<br>542277 | Research data                |  |                                     |  |

| Name, organization and telephone No.      | Data type/data sets                                       | Cost in Ush                    | Funding source               | End of funding   |
|---|---|--------------------------------|------------------------------|------------------|
| Jane Nampinga<br>GMU/APE<br>Tel no 241110 | Ag production<br>Ag tech adoption                         | ?                              | USAID APE project            | August 1996      |
| Mary Babirye<br>CARE<br>Tel No 258568/9   | Ag tech adoption<br><br>Financial resources/<br>ag credit | Depends on monthly<br>salaries | USAID/CARE<br><br>UNCDF/CARE | 1996<br><br>1996 |

#### **ANNEX 4·**

#### **PARTICIPATING ORGANIZATIONS AND THEIR REPRESENTATIVES**

- 1      Government of Uganda, Statistics Department (Entebbe)  
         M N Kiwesi, Deputy Commissioner  
         Matthew Sewangana
- 2      Bank of Uganda, Agricultural Secretariat  
         Edward Mwesiwa  
         Laurent Tusingwire  
         Peter Wathum
- 3      Government of Uganda, Ministry of Trade and Industry  
         W E Wachemba
- 4      Government of Uganda, Ministry of Agriculture, Animal Industries and Fisheries  
         Mageezi Apuuli
- 5      Cooperative Resources  
         W O Otaga, Director
- 6      Uganda National Farmers Association (UNFA)  
         James Byekwaso  
         Charles Kaitabwango
- 7      National Agricultural Research Organization (NARO)  
         D N Kisausi
- 8      National Environmental Information Center (NEIC)  
         F R Turyatunga
- 9      Export Policy Analysis Development Unit (EPADU)  
         Yeko Mwanga  
         James Cartwright
- 10     Grant Management Unit (GMU)  
         Jane Nampinga
- 11     Makerere University, Department of Agricultural Economics  
         Dr S Ngambeki
- 12     Management Systems and Economic Consultants, Ltd (MSE)  
         Abel Ojoo  
         Omiat Omongin

- 13 CARE
  - Mary Babirye
  - Stanley Dunn
- 14 European Community
  - E G Ring, Environment Officer
- 15 USAID/Uganda
  - Gary Bayer
  - Jim Dunn
  - Albert Yeboah
  - Robin Phillips
  - Rosern Rwampororo
  - Cheryl Anderson Kia
- 16 REDSO/ESA
  - Eric Loken
- 17 PRISM (USAID/Center for Development Information and Evaluation)
  - Keith Brown
  - Jonathan Hawley